

Low Component Current-Mode Universal Filter

Abuelma'atti, M.T. Khan, M.H.;King Fahd Univ. of Pet.Miner., Dhahran;

Electronics Letters;Publication Date: 7 Dec 1995;Vol: 31,Issue: 25

King Fahd University of Petroleum & Minerals

<http://www.kfupm.edu.sa>

Summary

A low component current-conveyor based current-mode universal filter with one input and three outputs is presented. The filter can simultaneously realise lowpass, highpass and bandpass responses. Realisation of notch and allpass responses does not require additional active elements. The proposed circuit enjoys low active and passive sensitivities

For pre-prints please write to:abstracts@kfupm.edu.sa